Incorrect or out of phase engine timing can result in damage to the valves. The Tool Connection cannot be held responsible for any damage caused by using these tools in anyway.

Safety Precautions – Please read

- Disconnect the battery earth leads (check radio code is available)
- Remove spark or glow plugs to make the engine turn easier
- Do not use cleaning fluids on belts, sprockets or rollers
- Always make a note of the route of the auxiliary drive belt before removal
- Turn the engine in the normal direction (clockwise unless stated otherwise)
- Do not turn the camshaft, crankshaft or diesel injection pump once the timing chain has been removed (unless specifically stated)
- Do not use the timing chain to lock the engine when slackening or tightening crankshaft pulley bolts
- Do not turn the crankshaft or camshaft when the timing belt/chain has been removed
- Mark the direction of the chain before removing
- It is always recommended to turn the engine slowly, by hand and to re-check the camshaft and crankshaft timing positions.
- Crankshafts and Camshafts may only be turned with the chain drive mechanism fully installed.
- Do not turn crankshaft via camshaft or other gears
- Check the diesel injection pump timing after replacing the chain
- Observe all tightening torques
- Always refer to the vehicle manufacturer's service manual or a suitable proprietary instruction book
- Incorrect or out of phase engine timing can result in damage to the valves
- It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions

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The Complete Connection

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Guarantee

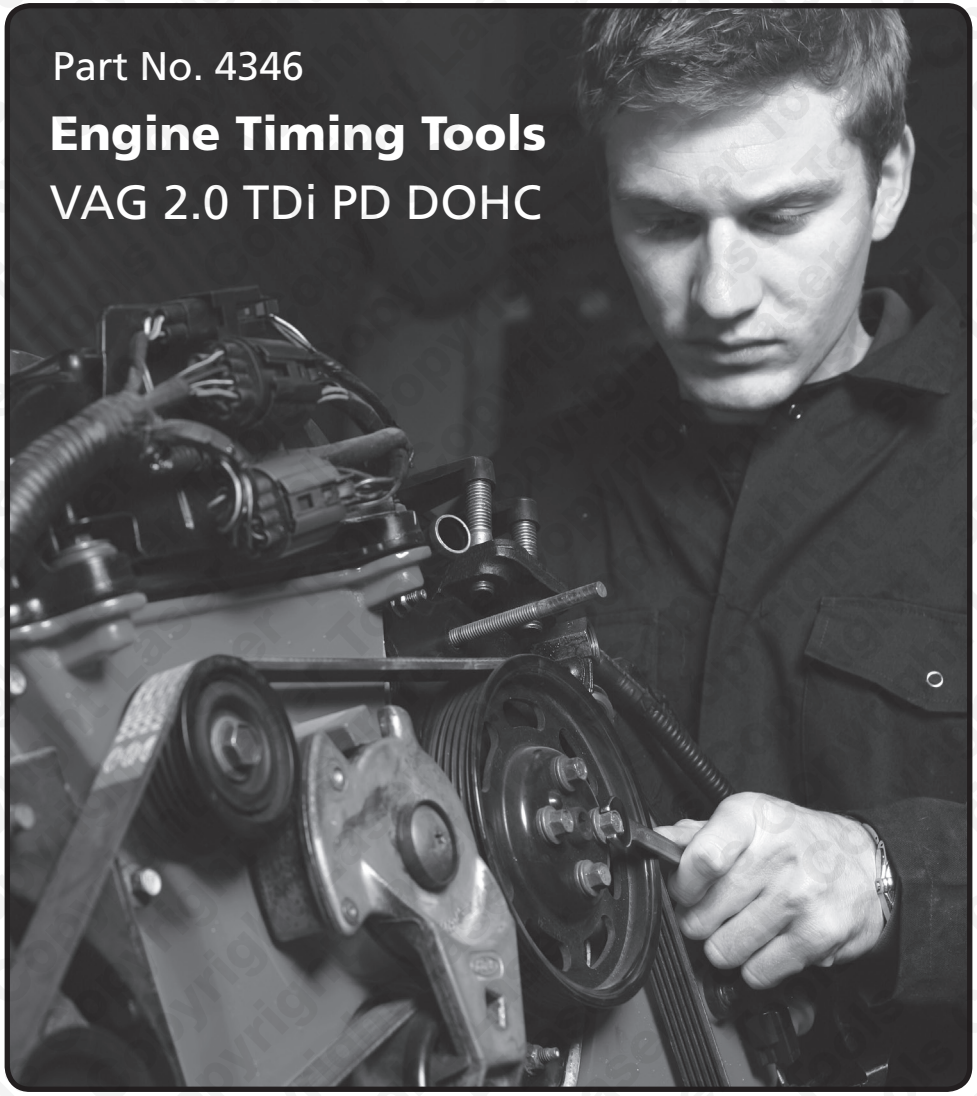
If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186.** Normal wear and tear are excluded as are consumable items and abuse.

LASER®

Part No. 4346

Engine Timing Tools

VAG 2.0 TDi PD DOHC



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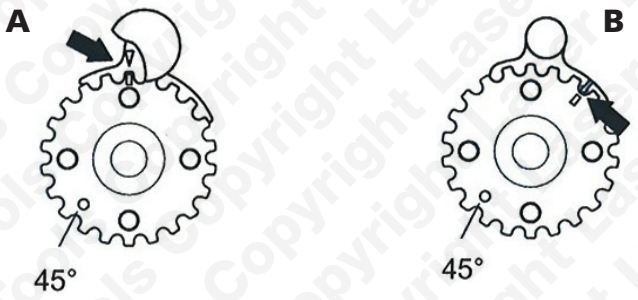
Plan Layout



Ref	Code	Oem Code	Description
A	C157	T10050 I 310-085	Crankshaft Setting Tool Bored engines
B	C304	T10100	Crankshaft Setting Tool Non Bored engines
C	C216	3359 I T20102	Injection Pump Locking Pins (2)
D	C283	T10060/A	Auxiliary drive belt tensioner locking pin
E	C282	T10115	Tensioner Pulley Locking Pin

Applications

The application list for this product has been compiled cross referencing the OEM Tool Code with the Component Code.

In most cases the tools are specific to this type of engine and are necessary for Cam belt or chain maintenance.

If the engine has been identified as an interference engine valve to piston damage will occur if the engine is run with a broken Cam belt.

A compression check of all cylinders should be performed before removing the cylinder head.

Always consult a suitable work shop manual before attempting to change the Cam belt or Chain.

The use of these engine timing tools is purely down to the user's discretion and Tool Connection cannot be held responsible for any damage caused what so ever.

ALWAYS USE A REPUTABLE WORKSHOP MANUAL

Manufacturer	Model	Engine Code	Year
Audi	A4	BLB I BNA I BRE I BRF I BVG	2004-07
	A6	BLB I BNA I BRE I BRF I BVG	2004-07
Skoda	Octavia II	AZV I BKD	2004-07
Volkswagen	Golf I Golf Plus	AZV I BKD	2003-07
	Jetta	AZV I BKD	2003-07
	Passat	BKP	2009
	Touran	AZV I BKD	2003-07